Mountain Weather Forecast

South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils
Forecast valid from 00:00 on Wednesday 29 Dec 2021 until 23:59 on Thursday 30 Dec 2021

Forecast Issued on Tuesday 28 Dec 2021 at 16:11 by Met Office Aberdeen

Confidence: High for front crossing Wednesday, but lower for the timing of the series of fronts that are forecast to cross the area from later Thursday.

Headline for Wednesday 29 Dec 2021: Periods of rain soon spreading from south during morning, clearing to showers later.

Mountain weather hazards on Wednesday 29 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** Low Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Partly cloudy (night)	Cloudy	Light snow	Heavy snow	Heavy Rain	Cloudy	Cloudy
Precipitation probability							
00%	<05%	10%	30%	80%	90%	20%	10%

Forecast for Wednesday 29 Dec 2021

Weather: Dry overnight with cloud gradually thickening and lowering from the south. Broad area of rain, initially falling as snow above 800m, spreading from southwest during the morning, reaching all before noon. The rain will gradually weaken and clear from the south through the late afternoon and evening, with a brisk, mainly dry west to southwest flow becoming established by mid-night.

Chance of cloud free mountain/hill tops above 800m: 80% becoming 10% late morning, before improving in the clearance 70%.

Visibility: Becoming moderate or poor in rain, very poor in snow and hill fog, with bases extensive above around 500-700m on the front.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 29 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	17/22 SW	18/24 S	24/32 S	34/40 SE	44/53 SE	39/46 S	56/67 W	51/62 W	46/57 SW
900	14/18 SW	14/20 S	14/22 S	20/27 SE	32/40 SE	28/35 S	38/48 W	33/43 W	31/42 SW
600	6/12 SW	6/12 S	5/9 W	10/21 S	21/35 SE	17/30 S	25/43 W	24/42 W	22/39 SW
300	3/9 W	4/9 W	2/5 SE	5/14 SE	8/21 SE	4/13 S	15/33 W	14/33 W	15/33 W
Glen	3/8 W	3/7 W	1/4 NE	5/12 E	8/18 E	5/14 SE	14/31 W	14/31 W	12/28 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	-0/-7	-1/-8	-2/-9	-2/-10	-1/-11	0/-8	0/-9	1/-8	1/-8
900	0/-5	-0/-6	-1/-6	-0/-7	0/-8	2/-5	2/-6	2/-5	3/-4
600	1/-2	0/-2	1/-1	1/-3	2/-4	3/-2	4/-2	4/-1	5/-1
300	-1/-3	-0/-3	0/-1	2/-0	4/1	4/3	6/2	6/2	6/2
Glen	0/-2	-0/-2	1/-1	2/0	5/2	5/4	6/2	6/3	7/3
Freezing Level*	800m	700m	700m	800m	1100m	1400m	1500m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View

Very difficult conditions in frontal weather with extensive hill fog and summit gales which brings a severe wind chill.

Forecast for Thursday 30 Dec 2021

Weather: Scattered showers at first, with a few possibly turning heavy in the west, also sporadically wintry across higher peaks. Gradually becoming drier and brighter from late morning as a ridge of high pressure builds from the south. Periods of rain extending from the south late evening and overnight.

Maximum wind: Southwest beginning mean 35-40mph with gusts reaching 55mph around most exposed ridges and summits, gradually easing from mid-morning.

Chance of cloud free mountain/hill tops above 800m: 70% becoming near 100% by mid-day, then 20% or less overnight.

Visibility: Becoming moderate or poor in rain or showers, very poor in snow and hill fog, with bases frequently lowering 500-700m in early showers, and more widespread in later rain.

Temperature: **Glens:** Plus 2 Celsius increasing 11 Celsius for afternoon
At 800m: Plus 3 Celsius
Freezing level: Around 1400m

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